Factory Cockpit

Smart Factory Suite module for smart monitoring and reporting

productoo®

Whether you are a factory owner, manager or production supervisor, you want to know how your business is doing - and you shouldn't have to invest too much time or effort in getting this information.

Well, that's easier said than done...

In reality, you probably have to log in **several different applications, talk to your staff or check more than one source** in order to get updates and reports.

You may find it hard to **track issues** that happened in your absence.

You are overloaded with **too much data of little relevance**.

Preparation for meetings takes a long time.

And what about your customers? You probably have to deal with their demands for **transparent reporting** and **traceability** of data about your manufacturing process. Especially during **audits**.
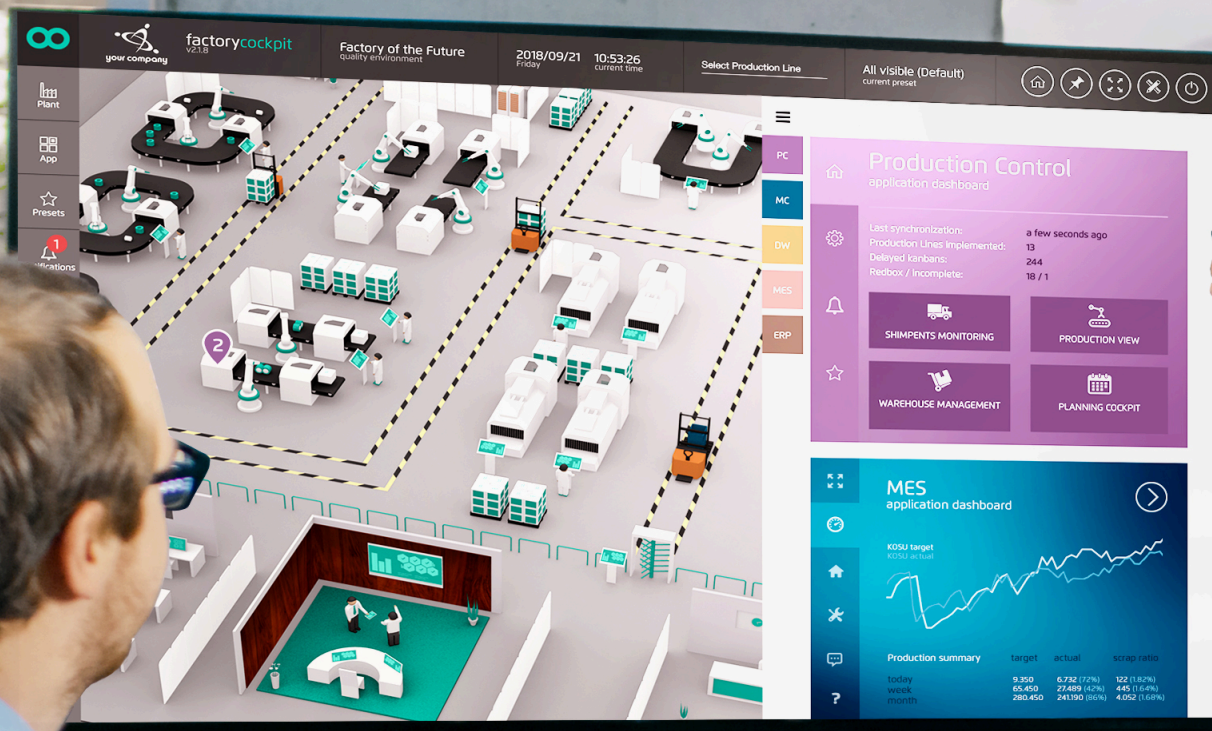
What if you could get a complete overview
of your factory performance in a few clicks?

Factory Cockpit
Revolution in the overall management of your factory

Key Benefits

fully digitized factory management with a complete transparency of operations

enhanced performance thanks to KPI analyses & bottleneck identification

instant access to business critical data enabling shorter time-to-react

game-like customization & 3rd party apps and systems integration

Factory Cockpit: Main Features

3D factory visualization – digital twin

Operations & KPIs across all systems in real time

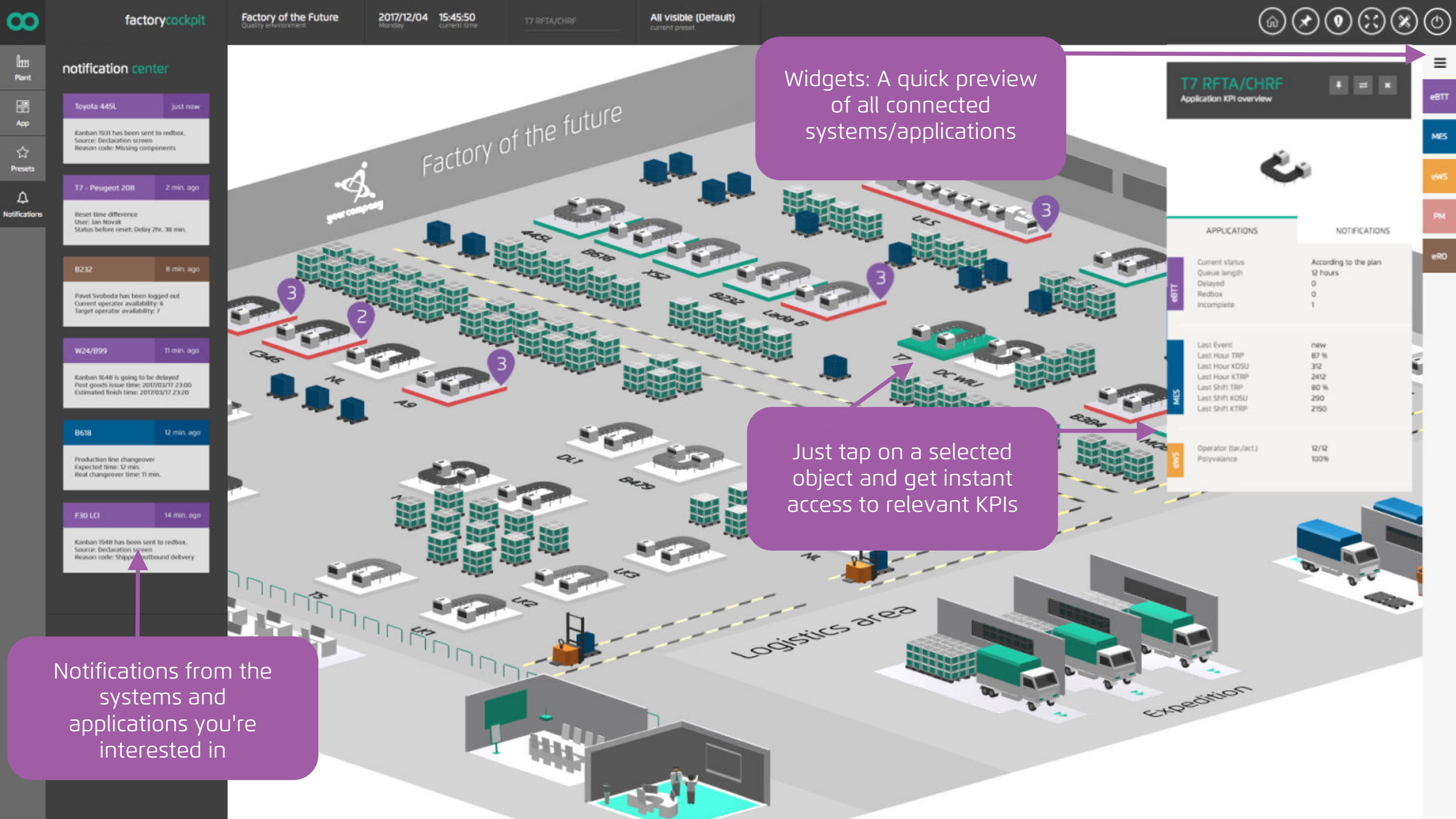3rd party systems integration

Historical data and KPI trend charts

Notification center

Easy set-up

Optimized for touchscreens

Mobile app available

factorycockpit

Factory of the Future
Quality environment

2017/12/04 15:45:50
Monday   current time

T7 RFTA/CHRF

All visible (Default)
current preset

Plant

App

Presets

Notifications

notification center

Toyota 445L   just now

Kanban 1931 has been sent to redbox.
Source: Declaration screen
Reason code: Missing components

T7 - Peugeot 208   2 min. ago

Reset time difference
User: Jan Novak
Status before reset: Delay 2hr. 38 min.

B232   8 min. ago

Pavel Svoboda has been logged out
Current operator availability: 6
Target operator availability: 7

W24/B99   11 min. ago

Kanban 1648 is going to be delayed
Post goods issue time: 2017/03/17 23:00
Estimated finish time: 2017/03/17 23:20

B618   12 min. ago

Production line changeover
Expected time: 12 min.
Real changeover time: 11 min.

F30 LCI   14 min. ago

Kanban 1948 has been sent to redbox.
Source: Declaration screen
Reason code: Shipped outbound delivery

Factory of the future

T7 RFTA/CHRF
Application KPI overview

APPLICATIONS   NOTIFICATIONS

Current status   According to the plan
Queue length   12 hours
Delayed   0
Redbox   0
Incomplete   1

Last Event   new
Last Hour TRP   87 %
Last Hour KOSU   312
Last Hour KTRP   2412
Last Shift TRP   80 %
Last Shift KOSU   290
Last Shift KTRP   2150

Operator (tar./act.)   12/12
Polyvalence   100%

eBTT

MES

eWS

PM

eRO

Widgets: A quick preview of all connected systems/applications

Just tap on a selected object and get instant access to relevant KPIs

Notifications from the systems and applications you're interested in

Set up the systems/applications you want to show data from

You can also select KPIs from the applications - just the ones you're interested in

All configurations can be saved and used when needed - e.g. before meetings

factorycockpit
v2.1.9

Factory of the Future
production environment

2019/11/04 14:25:09
Monday   current time

Select Production Line
Plant Manager   ✕

| 86 | 5 | 0 | 8 | 74 |

All visible (Default)
current preset

Plant
App
Presets
Notifications
Breakdowns

Plant Manager
Application KPI overview

APPLICATIONS   NOTIFICATIONS

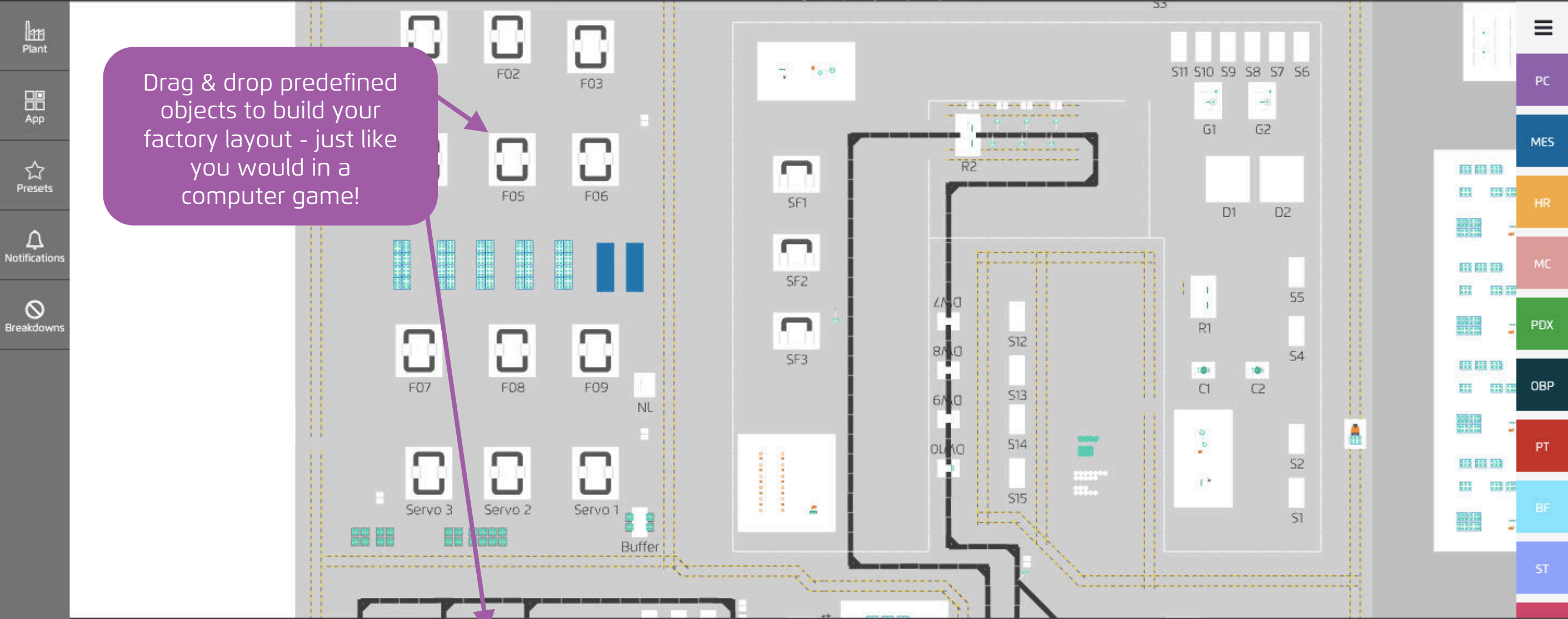| OEE | 72% |
Downtime costs	160 101 €
Schedule delay costs	188 400 €
On-time deliveries	96%
Production schedule attainment	98%
Warehouse value	1 884 000 €
Manufacturing costs	2 260 800 €
Turnover	3 768 000 €
Profitability	753 600 €
Employee factor	753 600 €

PC
MES
HR
MC
PDX
OBP
PT
BF
ST
EXP

2019/09/20
Friday

11:08:36
current time

Select Production Line
Plant Manager   ×

| 85 | 5 | 0 | 8 | 72 |

All visible (Default)
current preset

Stay on track with your business performance – follow financial KPIs of your choice!

Plant Manager
Application KPI overview

| APPLICATIONS | NOTIFICATIONS |

OBP

OEE	72%
Downtime costs	160 101 €
Schedule delay costs	188 400 €
On-time deliveries	96%
Production schedule attainment	98%
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PC

MES

HR

MC

PDX

OBP

PT

BF

ST

EXP

Plant Manager

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v2.1.11

Factory of the Future
quality environment

2019/05/07   10:04:40
Tuesday   current time

Select Production Line

| 40 | 13 | 0 | 0 | 27 |

All visible (Default)
current preset

Plant

App

Presets

Notifications

Breakdowns

| May/2019 01 Wednesday | May/2019 02 Thursday | May/2019 03 Friday | May/2019 04 Saturday |

| May/2019 05 Sunday | May/2019 06 Monday | May/2019 07 Tuesday |

Time   2019/05/07 10:03

Hour

Minute

NOW   **SET**

You can immediately find and show details of the selected production line on the layout

"Travel back in time" and see how your factory was doing in your absence

Administrative area

Logistics area

Expedition

Granulation

factorycockpit
v2.1.9

Factory of the Future
production environment

2019/11/29
Friday
current time

13:29:13
current time

Select Production Line
| 86 | 5 | 0 | 8 | 73

All visible (Default)
current preset

your company

Plant

App

Presets

Notifications

Breakdowns

Drag & drop predefined objects to build your factory layout - just like you would in a computer game!

F02
F03
F05
F06
SF1
SF2
SF3
F07
F08
F09
NL
Servo 3
Servo 2
Servo 1
Buffer

S11 S10 S9 S8 S7 S6
G1 G2
D1 D2
R2
R1
S5
S4
S12
S13
S14
S15
C1 C2
S2
S1

PC
MES
HR
MC
PDX
OBP
PT
BF
ST

plant designer

production lines — 24

administrative & meeting rooms — 8

other equipment — 18

Coating

Raw

Packaging

Granulation
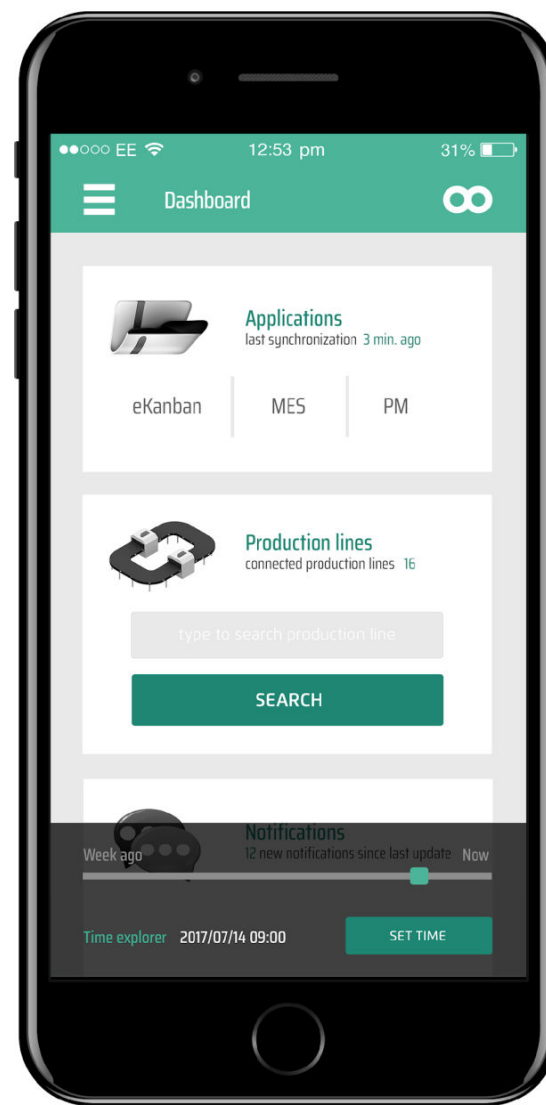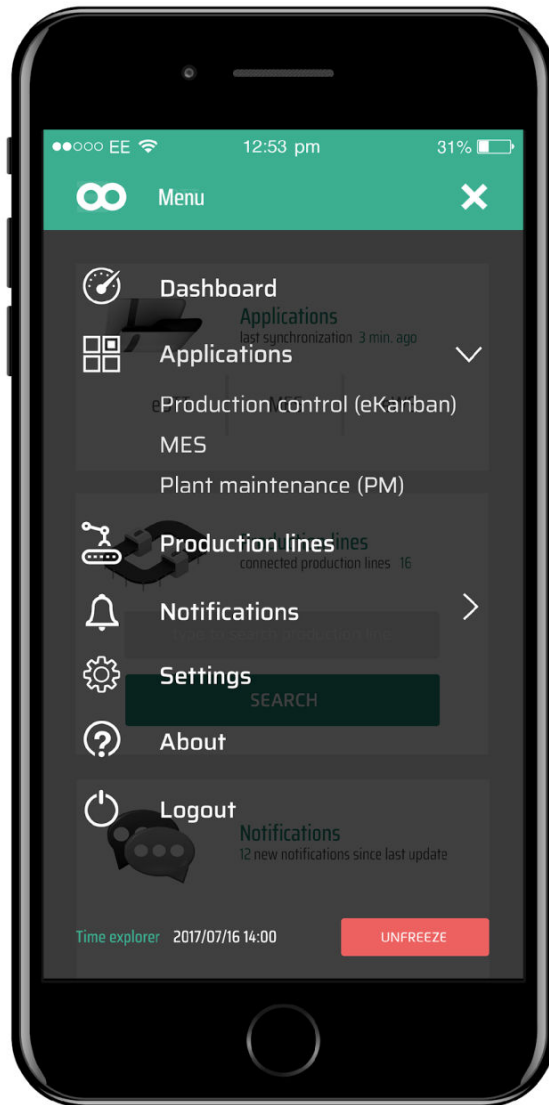
Dispensing

Compression

Batch release

Warehouse full

Factory Cockpit Mobile App

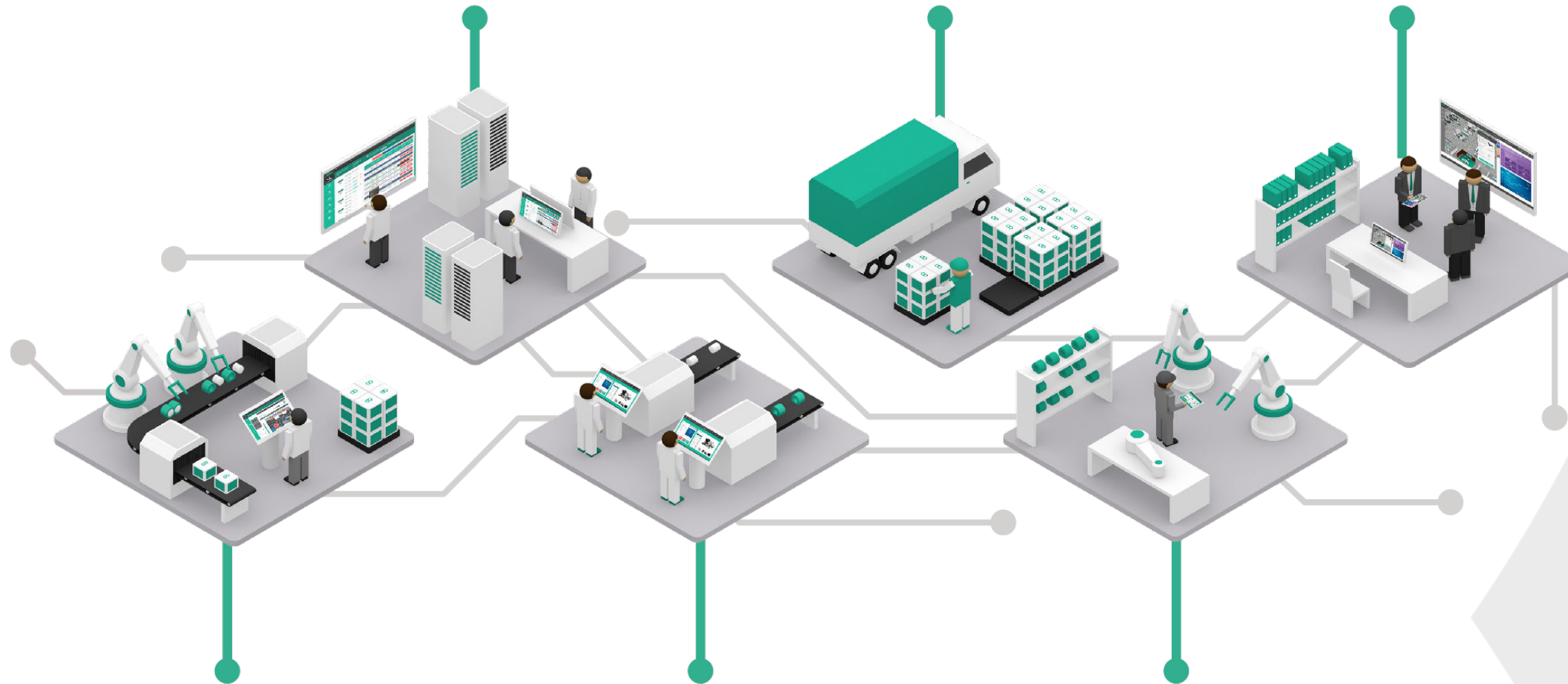Available for Android & iOS. Stay in touch with your business on the go!
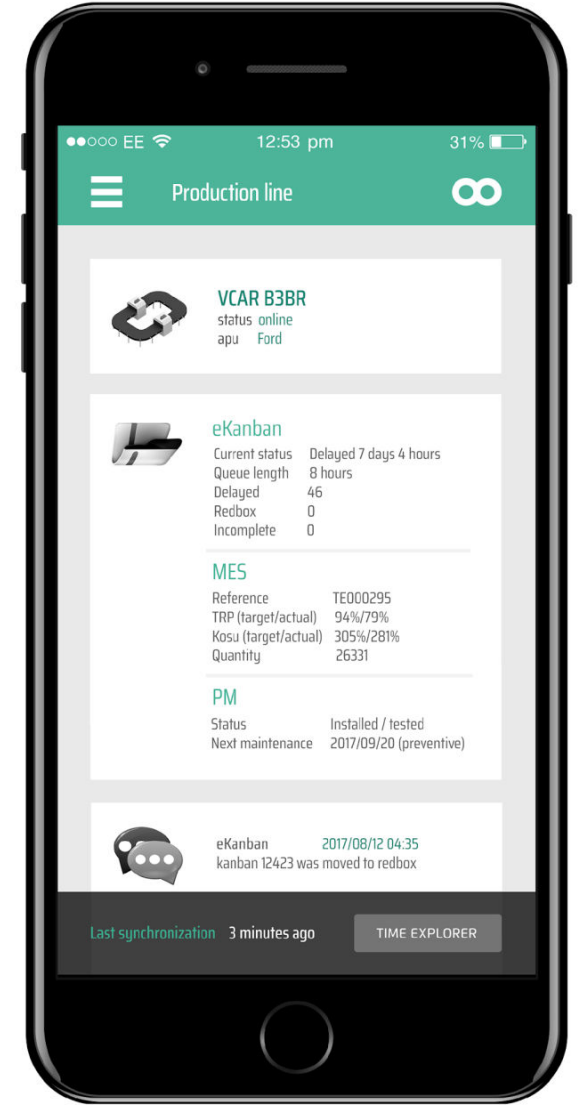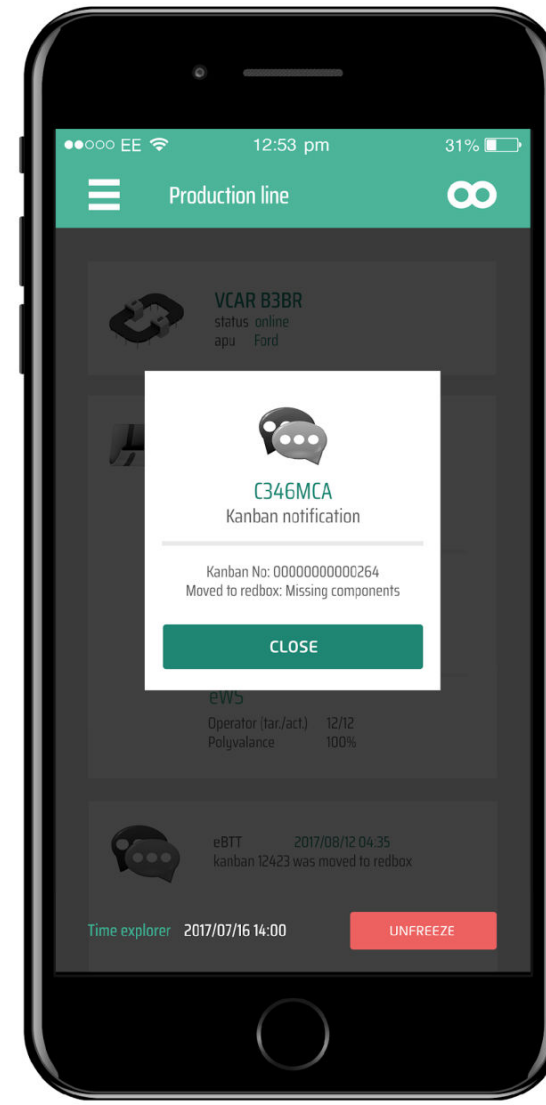
Productoo 4.0 Manufacturing Digitization Ecosystem
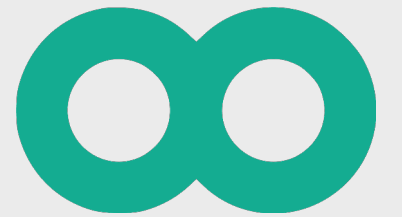

Production planning

Internal logistics

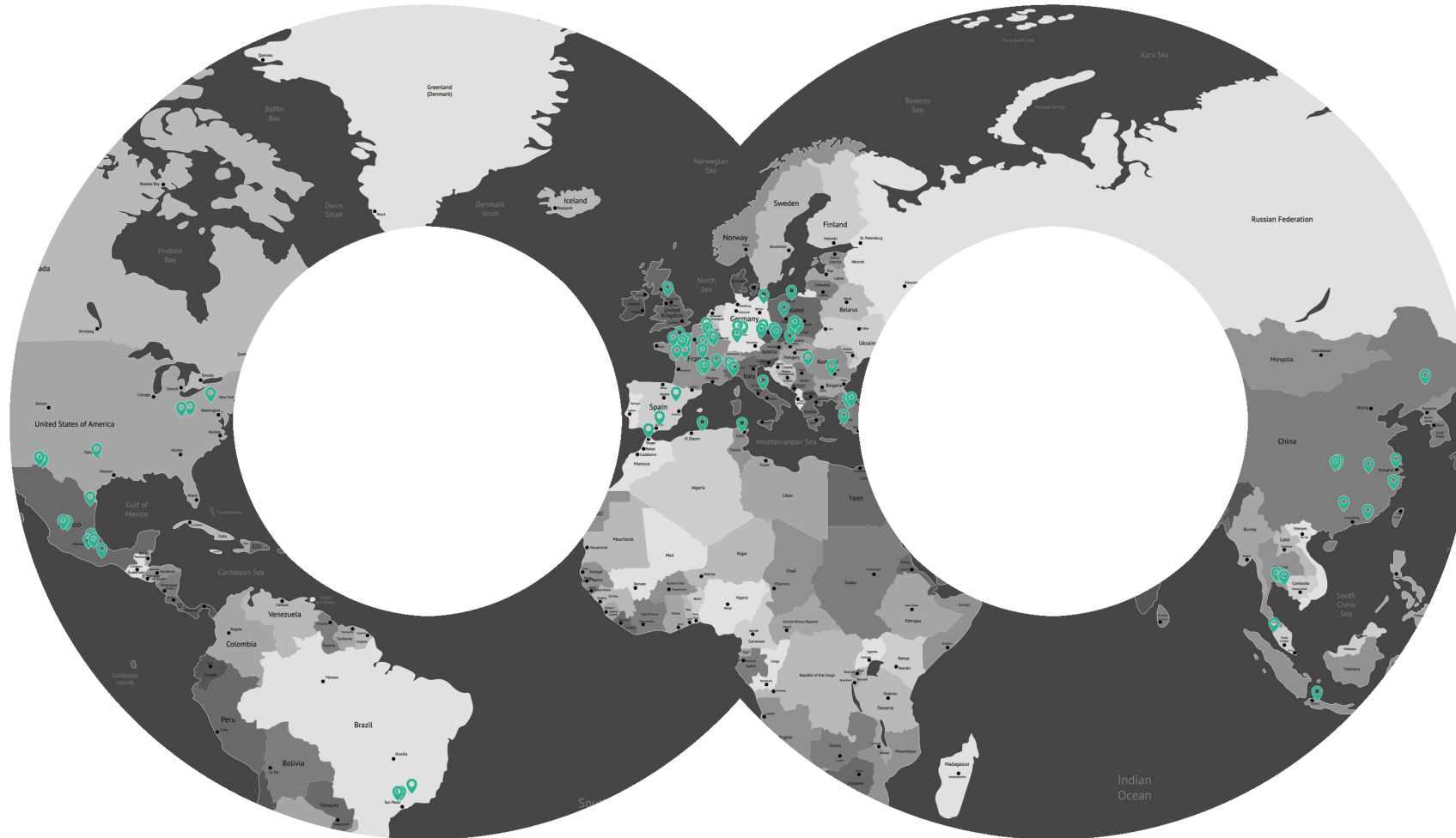Performance monitoring & reporting

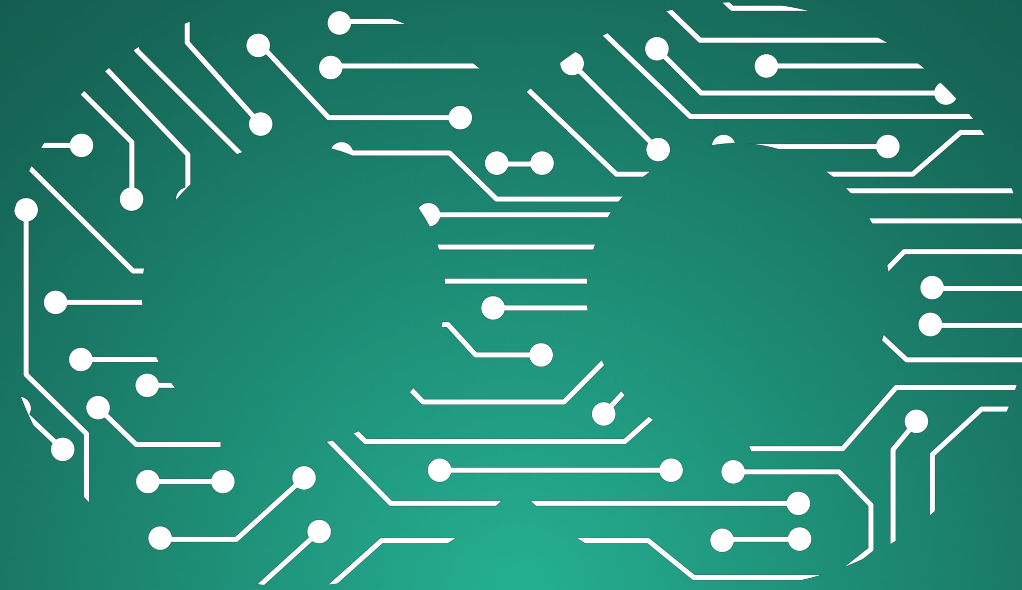Production tracking

Production execution

Maintenance management

More than **150** manufacturing companies have set out on the journey towards digital transformation with Productoo

We drive the digital evolution.

office@productoo.com

www.**productoo**.com